

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
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NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
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NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
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NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITAlert now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 20 May 17 FRFULL now available on STN  
NEWS 21 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004  
Conference  
NEWS 22 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in CAPLUS  
NEWS 23 May 27 CAPLUS super roles and document types searchable in REGISTRY  
NEWS 24 May 27 Explore APOLLIT with free connect time in June 2004  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:10:12 ON 09 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:10:21 ON 09 JUN 2004

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STRUCTURE FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7  
DICTIONARY FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

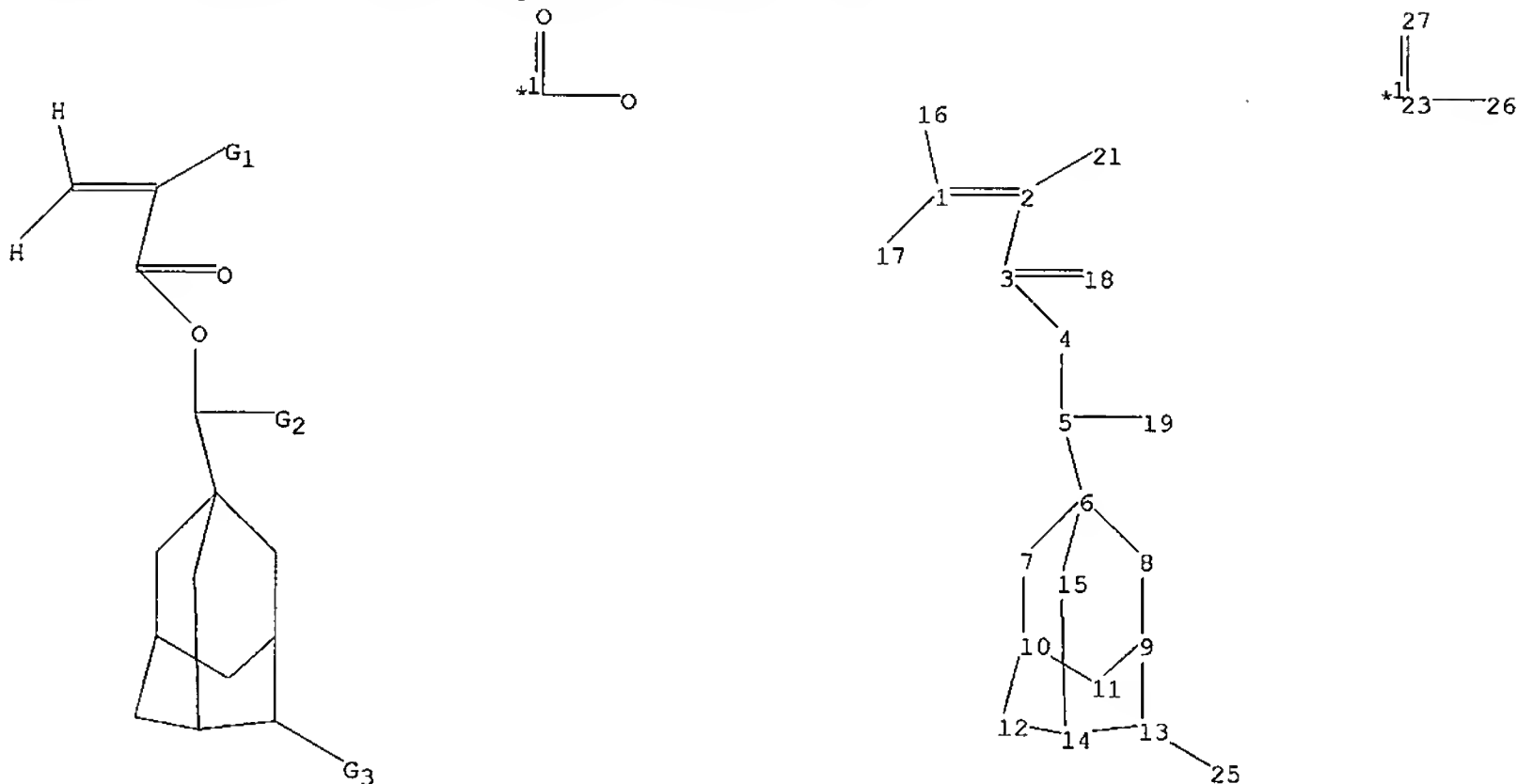
ENTER SCREEN EXPRESSION OR (END):end

=> screen 970 AND 2067

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10635571-1.str



chain nodes :  
1 2 3 4 5 16 17 18 19 21 23 25 26 27  
ring nodes :  
6 7 8 9 10 11 12 13 14 15  
chain bonds :  
1-2 1-16 1-17 2-3 2-21 3-4 3-18 4-5 5-6 5-19 13-25 23-26 23-27  
ring bonds :  
6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 14-15  
exact/norm bonds :  
2-21 3-4 3-18 4-5 5-19 6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 13-25 14-15  
23-26 23-27  
exact bonds :  
1-2 1-16 1-17 2-3 5-6

G1: H, CH3

G2: H, Ak

G3: OH, COOH, O, [\*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom  
14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 21:CLASS 23:CLASS 25:CLASS 26:CLASS 27:CLASS

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 970 AND 2067

L2 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s 13 sss sam

SAMPLE SEARCH INITIATED 14:10:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 33 TO 447

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> FIL HCAPLUS, CAPLUS, USPATFULL

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.63

FILE 'HCAPLUS' ENTERED AT 14:10:46 ON 09 JUN 2004

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FILE 'CAPLUS' ENTERED AT 14:10:46 ON 09 JUN 2004

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FILE 'USPATFULL' ENTERED AT 14:10:46 ON 09 JUN 2004

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=> s 14

L5 0 L4

=> exit y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.15

4.78

STN INTERNATIONAL LOGOFF AT 14:10:55 ON 09 JUN 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:55:35 ON 09 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004

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STRUCTURE FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7

DICTIONARY FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

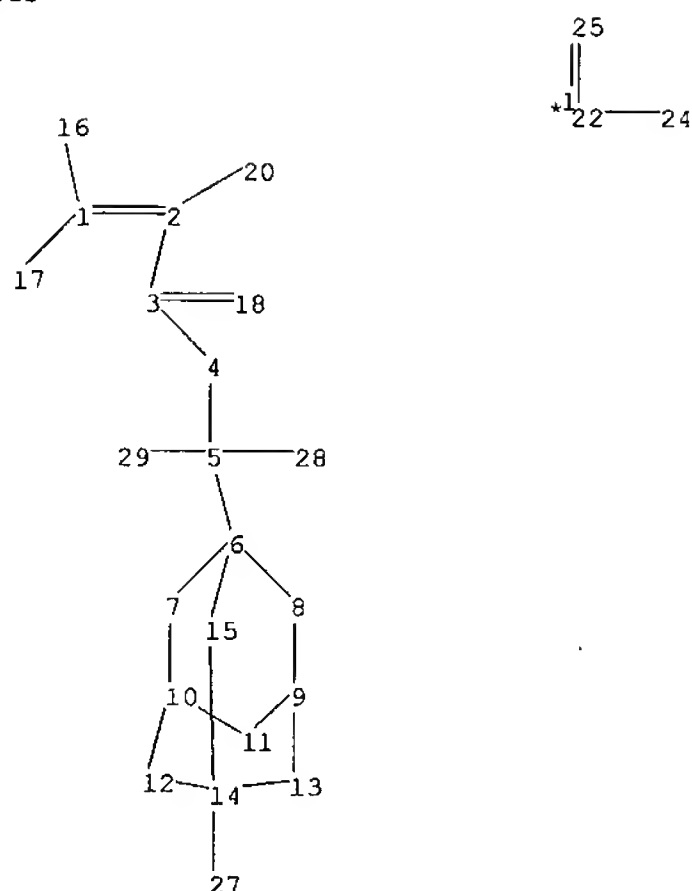
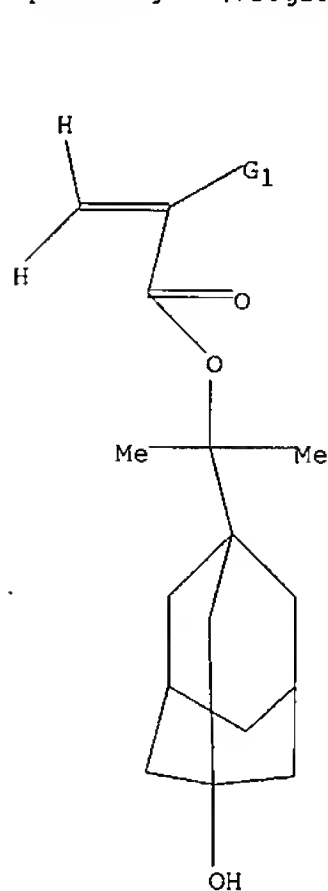
ENTER SCREEN EXPRESSION OR (END):end

=> screen 963 AND 970 AND 2067

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10635571-2.str



chain nodes :

1 2 3 4 5 16 17 18 20 22 24 25 27 28 29

ring nodes :

6 7 8 9 10 11 12 13 14 15

chain bonds :

1-2 1-16 1-17 2-3 2-20 3-4 3-18 4-5 5-6 5-28 5-29 14-27 22-24 22-25

ring bonds :

6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 14-15

exact/norm bonds :

2-20 3-4 3-18 4-5 6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 14-15 14-27 22-24 22-25

exact bonds :

1-2 1-16 1-17 2-3 5-6 5-28 5-29

G1:H,CH3

G2:H,Ak

G3:OH,COOH,O,[\*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom  
14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 20:CLASS 22:CLASS 24:CLASS 25:CLASS 27:CLASS 28:CLASS  
29:CLASS

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 963 AND 970 AND 2067

L2 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3 sss sam

SAMPLE SEARCH INITIATED 15:56:06 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 6 TO 266  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> FIL HCAPLUS, CAPLUS, USPATEFULL  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.42	0.63

FILE 'HCAPLUS' ENTERED AT 15:56:11 ON 09 JUN 2004  
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FILE 'USPATEFULL' ENTERED AT 15:56:11 ON 09 JUN 2004  
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=> s 14

L5 0 L4

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.15	4.78

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004  
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information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> hydroxy adamantyl methacrylate

HYDROXY IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s hydroxy adamantyl methacrylate

2960796 HYDROXY

3655 ADAMANTYL

41892 METHACRYLATE

10 METHACRYLATES

41892 METHACRYLATE

(METHACRYLATE OR METHACRYLATES)

L6 2 HYDROXY ADAMANTYL METHACRYLATE

(HYDROXY(W)ADAMANTYL(W)METHACRYLATE)

=> d

L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 364736-20-9 REGISTRY

CN 2-Propenoic acid, 2-methyl-, 2-ethyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl ester,  
polymer with hexahydro-2-oxo-3,5-methano-2H-cyclopenta[b]furan-6-yl

2-methyl-2-propenoate and 3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl

2-methyl-2-propenoate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, 2-methyl-, 3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl ester, polymer with 2-ethyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl 2-methyl-2-propenoate and hexahydro-2-oxo-3,5-methano-2H-cyclopenta[b]furan-6-yl

2-methyl-2-propenoate (9CI)

CN 2-Propenoic acid, 2-methyl-, hexahydro-2-oxo-3,5-methano-2H-cyclopenta[b]furan-6-yl ester, polymer with 2-ethyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl 2-methyl-2-propenoate and 3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl

2-methyl-2-propenoate (9CI)

OTHER NAMES:

CN 2-Ethyl-2-adamantyl methacrylate-3-hydroxy-1-adamantyl methacrylate-5-methacryloyloxy-2,6-norbornanecarbolactone copolymer

CN **3-Hydroxyadamantyl methacrylate-2-ethyladamantyl methacrylate-norbornenelactone methacrylate copolymer**

MF (C16 H24 O2 . C14 H20 O3 . C12 H14 O4)x

CI PMS

PCT Polyacrylic

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATEFULL

DT.CA CAPLUS document type: Journal; Patent

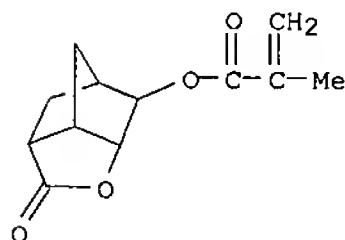
RL.P Roles from patents: PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: PROC (Process); PRP (Properties)

CM 1

CRN 254900-07-7

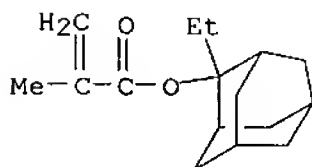
CMF C12 H14 O4



CM 2

CRN 209982-56-9

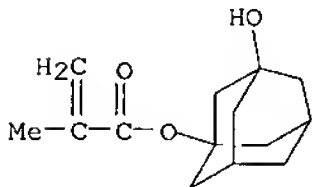
CMF C16 H24 O2



CM 3

CRN 115372-36-6

CMF C14 H20 O3



19 REFERENCES IN FILE CA (1907 TO DATE)

19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 2

L6 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

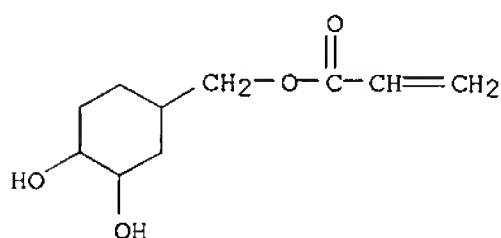
RN 240822-25-7 REGISTRY

CN 2-Butenedioic acid (2E)-, bis(1,1-dimethylethyl) ester, polymer with 2-methyl-2-propenoic acid and 3,5,7-trihydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl 2-methyl-2-propenoate, 2-hydroxy-4(or 5)-[[1-oxo-2-

propenyl)oxy)methyl)cyclohexyl ester (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Propenoic acid, 2-methyl-, 3,5,7-trihydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl  
 ester, polymer with bis(1,1-dimethylethyl) (2E)-2-butenedioate and  
 2-methyl-2-propenoic acid, ester with (3,4-dihydroxycyclohexyl)methyl  
 2-propenoate (9CI)  
 CN 2-Propenoic acid, 2-methyl-, polymer with bis(1,1-dimethylethyl)  
 (2E)-2-butenedioate and 3,5,7-trihydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl  
 2-methyl-2-propenoate, ester with (3,4-dihydroxycyclohexyl)methyl  
 2-propenoate (9CI)  
 OTHER NAMES:  
 CN Methacrylic acid-di-tert-butyl fumarate-trihydroxy adamantyl  
 methacrylate copolymer 3,4-dihydroxycyclohexylmethyl acrylate ester  
 FS STEREOSEARCH  
 MF (C<sub>14</sub> H<sub>20</sub> O<sub>5</sub> . C<sub>12</sub> H<sub>20</sub> O<sub>4</sub> . C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>)x . x C<sub>10</sub> H<sub>16</sub> O<sub>4</sub>  
 PCT Polyacrylic, Polyester, Polyester formed, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation); USES (Uses)

CM 1

CRN 147321-05-9  
 CMF C<sub>10</sub> H<sub>16</sub> O<sub>4</sub>

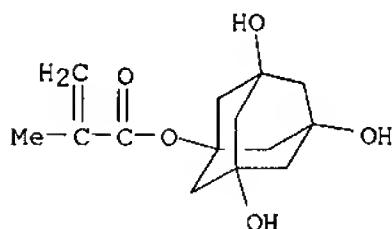


CM 2

CRN 240822-24-6  
 CMF (C<sub>14</sub> H<sub>20</sub> O<sub>5</sub> . C<sub>12</sub> H<sub>20</sub> O<sub>4</sub> . C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>)x  
 CCI PMS

CM 3

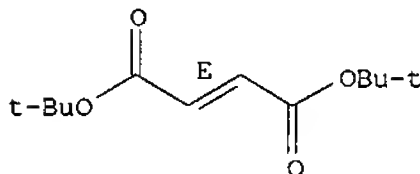
CRN 115522-16-2  
 CMF C<sub>14</sub> H<sub>20</sub> O<sub>5</sub>



CM 4

CRN 7633-38-7  
 CMF C<sub>12</sub> H<sub>20</sub> O<sub>4</sub>

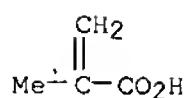
Double bond geometry as shown.



CM 5

CRN 79-41-4  
 CMF C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>





1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

17.67

22.45

FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 115372-36-6

L7 1 115372-36-6  
(115372-36-6/RN)

=> s 115372-36-6/crn

L8 323 115372-36-6/CRN

=> FIL HCAPLUS, CAPLUS, USPATFULL

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

22.87

FILE 'HCAPLUS' ENTERED AT 15:57:36 ON 09 JUN 2004

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FILE 'USPATFULL' ENTERED AT 15:57:36 ON 09 JUN 2004

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=> d his

(FILE 'HOME' ENTERED AT 15:55:35 ON 09 JUN 2004)

FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004

L1 SCREEN 963 AND 970 AND 2067

L2 STRUCTURE UPLOADED

L3 QUE L2 AND L1

L4 0 S L3 SSS SAM

FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:56:11 ON 09 JUN 2004

L5 0 S L4

FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004

L6 2 S HYDROXY ADAMANTYL METHACRYLATE

FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004

L7 1 S 115372-36-6

L8 323 S 115372-36-6/CRN

FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:57:36 ON 09 JUN 2004

=> s 16 or 17 or 18  
L9 492 L6 OR L7 OR L8

=> s 19 and (resist or photoresist)  
L10 473 L9 AND (RESIST OR PHOTORESIST)

=> s 110 and (photoacid? or acid? or photoactive)  
L11 453 L10 AND (PHOTOACID? OR ACID? OR PHOTOACTIVE)

=> duplicates remove 111  
DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATFULL'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L11  
L12 251 DUPLICATE REMOVE L11 (202 DUPLICATES REMOVED)

=> d 112 1

L12 ANSWER 1 OF 251 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
AN 2004:412985 HCAPLUS  
TI Acrylic copolymers having specific structures and radiation-sensitive resin compositions  
IN Ishii, Hiroyuki; Fujiwara, Kouichi; Yamaguchi, Hiroshi; Nishimura, Yukio  
PA JSR Corporation, Japan  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004041879	A1	20040521	WO 2003-JP14051	20031104
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	JP 2002-320697	A	20021105		
	JP 2002-330870	A	20021114		
RE.CNT	6				

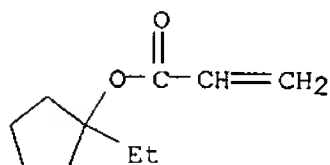
THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 1 hitstr

L12 ANSWER 1 OF 251 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
IT **690258-42-5P**  
RL: CPS (Chemical process); IMF (Industrial manufacture); PEP (Physical, engineering or chemical process); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); PROC (Process); USES (Uses)  
(acrylic copolymers having adamantyl structures for radiation-sensitive resin compns. useful as **photoresists**)  
RN 690258-42-5 HCAPLUS  
CN INDEX NAME NOT YET ASSIGNED

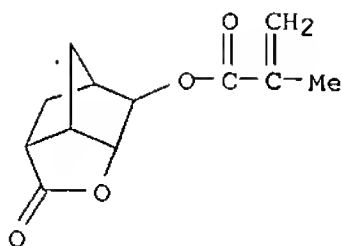
CM 1

CRN 326925-69-3  
CMF C10 H16 O2



CM 2

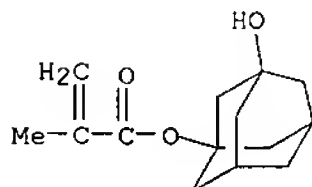
CRN 254900-07-7  
CMF C12 H14 O4



CM 3

CRN 115372-36-6

CMF C14 H20 O3



=> d his

(FILE 'HOME' ENTERED AT 15:55:35 ON 09 JUN 2004)

FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004

L1 SCREEN 963 AND 970 AND 2067

L2 STRUCTURE UPLOADED

L3 QUE L2 AND L1

L4 0 S L3 SSS SAM

FILE 'HCAPLUS, CAPLUS, USPATEFULL' ENTERED AT 15:56:11 ON 09 JUN 2004

L5 0 S L4

FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004

L6 2 S HYDROXY ADAMANTYL METHACRYLATE

FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004

L7 1 S 115372-36-6

L8 323 S 115372-36-6/CRN

FILE 'HCAPLUS, CAPLUS, USPATEFULL' ENTERED AT 15:57:36 ON 09 JUN 2004

L9 492 S L6 OR L7 OR L8

L10 473 S L9 AND (RESIST OR PHOTORESIST)

L11 453 S L10 AND (PHOTOACID? OR ACID? OR PHOTOACTIVE)

L12 251 DUPLICATE REMOVE L11 (202 DUPLICATES REMOVED)

=> s l6 or l7

L13 88 L6 OR L7

=> s l13 and (resist or photoresist)

L14 73 L13 AND (RESIST OR PHOTORESIST)

=> duplicates remove l14

DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATEFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L14

L15 40 DUPLICATE REMOVE L14 (33 DUPLICATES REMOVED)

=> d l15 1-40 pn

L15 ANSWER 1 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
PATENT NO. KIND DATE

PI US 2004048192 A1 20040311

L15 ANSWER 2 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
PATENT NO. KIND DATE

PI JP 2004078153 A2 20040311

L15 ANSWER 3 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3  
PATENT NO. KIND DATE

PI JP 2004012545 A2 20040115

L15 ANSWER 4 OF 40 USPATEFULL on STN

PI	US 2004006189	A1	20040108
L15	ANSWER 5 OF 40 USPATFULL on STN		
PI	US 6692889	B1	20040217
	WO 2001010916	20010215	
L15	ANSWER 6 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4		
	PATENT NO.	KIND	DATE
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PI	US 2003203307	A1	20031030
	JP 2003316008	A2	20031106
L15	ANSWER 7 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5		
	PATENT NO.	KIND	DATE
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PI	JP 2003287884	A2	20031010
L15	ANSWER 8 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6		
	PATENT NO.	KIND	DATE
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PI	JP 2003202673	A2	20030718
L15	ANSWER 9 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7		
	PATENT NO.	KIND	DATE
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PI	JP 2003149812	A2	20030521
L15	ANSWER 10 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8		
	PATENT NO.	KIND	DATE
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PI	JP 2003015296	A2	20030115
L15	ANSWER 11 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 9		
	PATENT NO.	KIND	DATE
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PI	EP 1270553	A2	20030102
	EP 1270553	A3	20040421
	JP 2003173027	A2	20030620
	US 2003113658	A1	20030619
	CN 1432873	A	20030730
	JP 2004002252	A2	20040108
	US 2003170561	A1	20030911
L15	ANSWER 12 OF 40 USPATFULL on STN		
PI	US 2003170561	A1	20030911
L15	ANSWER 13 OF 40 USPATFULL on STN		
PI	US 2003113658	A1	20030619
L15	ANSWER 14 OF 40 USPATFULL on STN		
PI	US 2003044715	A1	20030306
	US 6692884	B2	20040217
L15	ANSWER 15 OF 40 USPATFULL on STN		
PI	US 2003039918	A1	20030227
L15	ANSWER 16 OF 40 USPATFULL on STN		
PI	US 2003031950	A1	20030213
L15	ANSWER 17 OF 40 USPATFULL on STN		
PI	US 2003008241	A1	20030109
L15	ANSWER 18 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 10		
L15	ANSWER 19 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 11		
L15	ANSWER 20 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 12		
L15	ANSWER 21 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 13		
	PATENT NO.	KIND	DATE
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PI	US 6440636	B1	20020827
L15	ANSWER 22 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 14		
	PATENT NO.	KIND	DATE
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PI	JP 2002303981	A2	20021018
L15	ANSWER 23 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 15		
	PATENT NO.	KIND	DATE
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PI	JP 2002303980	A2	20021018
	US 2003044715	A1	20030306

US 6692884 B2 20040217

L15 ANSWER 24 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 16  
PATENT NO. KIND DATE  
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PI JP 2002303979 A2 20021018

L15 ANSWER 25 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 17  
PATENT NO. KIND DATE  
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PI JP 2002296779 A2 20021009  
US 2003031950 A1 20030213

L15 ANSWER 26 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 18  
PATENT NO. KIND DATE  
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PI JP 2002268223 A2 20020918  
US 2003008241 A1 20030109

L15 ANSWER 27 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 19  
PATENT NO. KIND DATE  
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PI JP 2002268222 A2 20020918

L15 ANSWER 28 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 20  
PATENT NO. KIND DATE  
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PI JP 2002265436 A2 20020918

L15 ANSWER 29 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 21  
PATENT NO. KIND DATE  
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PI JP 2002226436 A2 20020814

L15 ANSWER 30 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 22  
PATENT NO. KIND DATE  
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PI GB 2373866 A1 20021002  
GB 2373866 B2 20030326  
JP 2002357905 A2 20021213  
US 2003039918 A1 20030227  
BE 1014726 A3 20040302

L15 ANSWER 31 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 23  
PATENT NO. KIND DATE  
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PI DE 10213584 A1 20021002

L15 ANSWER 32 OF 40 USPTAFULL on STN  
PI US 2002169266 A1 20021114  
US 6552143 B2 20030422

L15 ANSWER 33 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 24

L15 ANSWER 34 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 25  
PATENT NO. KIND DATE  
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PI WO 2001057597 A1 20010809  
JP 2001215703 A2 20010810  
EP 1172694 A1 20020116  
US 2002169266 A1 20021114  
US 6552143 B2 20030422  
US 2004006189 A1 20040108

L15 ANSWER 35 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 26  
PATENT NO. KIND DATE  
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PI WO 2001010916 A1 20010215  
JP 2001048931 A2 20010220  
JP 3390702 B2 20030331  
JP 2001048933 A2 20010220  
JP 3330903 B2 20021007  
EP 1172384 A1 20020116  
TW 513618 B 20021211  
US 6692889 B1 20040217

L15 ANSWER 36 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 27  
PATENT NO. KIND DATE  
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PI JP 2001240625 A2 20010904

L15 ANSWER 37 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 28  
PATENT NO. KIND DATE

PI JP 2001131232 A2 20010515

L15 ANSWER 38 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 29  
PATENT NO. KIND DATE

PI EP 1143299 A1 20011010  
EP 1143299 B1 20030716  
CN 1316675 A 20011010  
TW 507116 B 20021021  
US 2001044070 A1 20011122  
US 6579659 B2 20030617  
JP 2002296783 A2 20021009  
SG 94799 A1 20030318

L15 ANSWER 39 OF 40 USPATFULL on STN  
PI US 2001044070 A1 20011122  
US 6579659 B2 20030617

L15 ANSWER 40 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 30  
PATENT NO. KIND DATE

PI JP 11231541 A2 19990827  
EP 936504 A1 19990818  
EP 1376233 A2 20040102

=> exit y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

71.44

94.31

STN INTERNATIONAL LOGOFF AT 16:00:54 ON 09 JUN 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/Caplus  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITAlert now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 20 May 17 FRFULL now available on STN  
NEWS 21 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004  
Conference  
NEWS 22 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in Caplus  
NEWS 23 May 27 Caplus super roles and document types searchable in REGISTRY  
NEWS 24 May 27 Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:43:45 ON 09 JUN 2004

=> file reg  
 COST IN U.S. DOLLARS SINCE FILE TOTAL  
 ENTRY SESSION  
 FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 18:44:09 ON 09 JUN 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7  
 DICTIONARY FILE UPDATES: 8 JUN 2004 HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

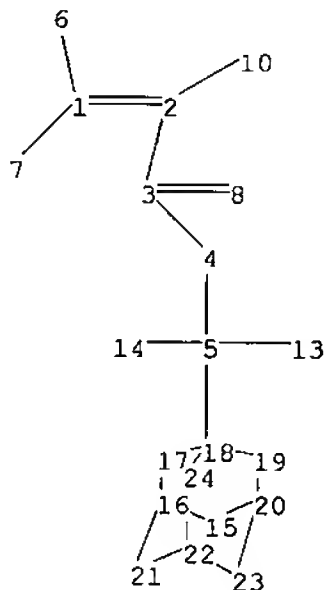
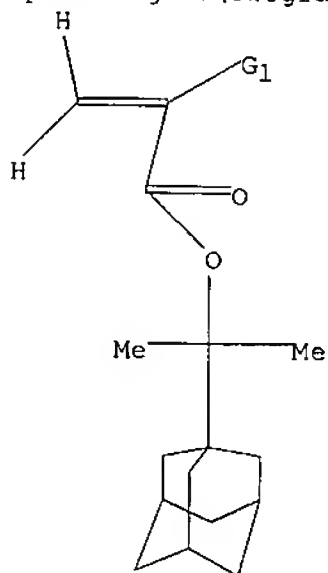
=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963 AND 970 AND 2067

L1 SCREEN CREATED

=>  
 Uploading C:\Program Files\Stnexp\Queries\10635571-3.str



chain nodes :

1 2 3 4 5 6 7 8 10 13 14  
 ring nodes :  
 15 16 17 18 19 20 21 22 23 24  
 chain bonds :  
 1-2 1-6 1-7 2-3 2-10 3-4 3-8 4-5 5-14 5-13 5-18  
 ring bonds :  
 15-16 15-20 16-17 16-21 17-18 18-19 18-24 19-20 20-23 21-22 22-23 22-24  
 exact/norm bonds :  
 2-10 3-4 3-8 4-5 15-16 15-20 16-17 16-21 17-18 18-19 18-24 19-20 20-23 21-22 22-23 22-24  
 exact bonds :  
 1-2 1-6 1-7 2-3 5-14 5-13 5-18

G1:H,CH3

G2:H,Ak

G3:OH,COOH,O

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 10:Atom 13:Atom 14:Atom 15:Atom 16:Atom  
 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom

L2 STRUCTURE UPLOADED

=> que L2 AND L1

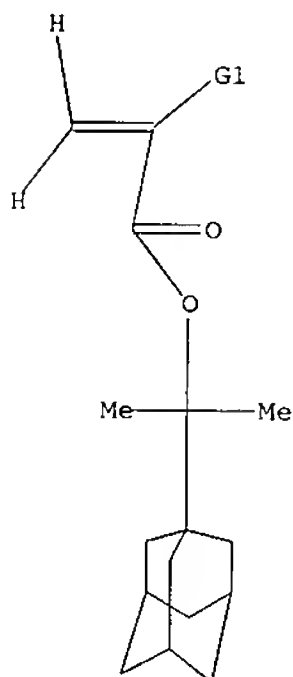
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 963 AND 970 AND 2067

L2 STR



G1 H,Me

G2 H,Ak

G3 OH,COH,O

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s 13 sss sam

SAMPLE SEARCH INITIATED 18:44:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 28 TO ITERATE

100.0% PROCESSED 28 ITERATIONS

22 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 243 TO 877

PROJECTED ANSWERS: 159 TO 721

L4 22 SEA SSS SAM L2 AND L1

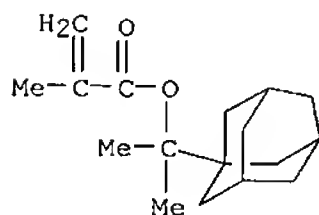


=> d

L4 ANSWER 1 OF 22 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 657404-11-0 REGISTRY  
CN 2-Propenoic acid, 2-methyl-, hexahydro-2-oxo-3,5-methano-2H-  
cyclopenta[b]furan-6-yl ester, polymer with 2-(2-methoxyethoxy)ethyl  
2-methyl-2-propenoate, 1-methyl-1-tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-ylethyl  
2-methyl-2-propenoate and tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl  
2-methyl-2-propenoate (9CI) (CA INDEX NAME)  
MF (C17 H26 O2 . C14 H20 O2 . C12 H14 O4 . C9 H16 O4)x  
CI PMS  
PCT Polyacrylic  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); USES (Uses)

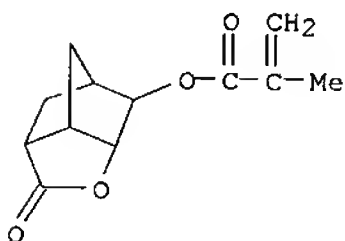
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CRN 279218-76-7  
CMF C17 H26 O2



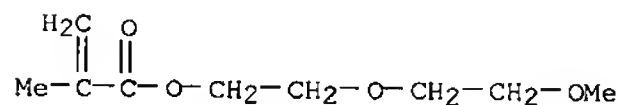
CM 2

CRN 254900-07-7  
CMF C12 H14 O4



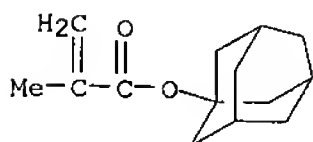
CM 3

CRN 45103-58-0  
CMF C9 H16 O4



CM 4

CRN 16887-36-8  
CMF C14 H20 O2



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL HCAPLUS, CAPLUS, USPATFULL  
COST IN U.S. DOLLARS

SINCE FILE ENTRY TOTAL SESSION